

Title (en)
BASIN WITH A WATER AERATING DEVICE

Publication
EP 0209646 A3 19870923 (DE)

Application
EP 86105565 A 19860422

Priority
• DE 3515139 A 19850426
• DE 3607788 A 19860308

Abstract (en)
[origin: EP0209646A2] 1. Watertub with air-bubble forming device, for bathing purposes, with at least one nozzle (7) whose axial outlet is positioned in the direction of flow behind a distributor (56), which deflects the axial jet radially outwards, characterized by the outlet opening (s) between the distributor (56, 72) on one side and the nozzle body (9) on the other side being closable and the outlet opening (s) being opened by the pressure of the flowing medium as a result of either the movement of the distributor in the axial direction towards the inner tub (6), or in reverse direction, respectively, or of the axial movement of a sealing element placed behind the distributor and within the nozzle body (9), which is designed as a ring-shaped (10) or cylindrical piston (18, 21) and provided with at least one, preferably a central, medium inlet.

IPC 1-7
A61H 33/02

IPC 8 full level
A61H 33/02 (2006.01); **A61H 33/00** (2006.01)

CPC (source: EP)
A61H 33/026 (2013.01); **A61H 33/027** (2013.01); **A61H 33/6057** (2013.01); **A61H 33/6063** (2013.01); **A61H 2033/0016** (2013.01); **A61H 2033/022** (2013.01); **A61H 2033/023** (2013.01)

Citation (search report)
• US 4340982 A 19820727 - HART JAMES F, et al
• US 4119686 A 19781010 - CONGER IV WILLIAM W
• GB 2114021 A 19830817 - RANDLE CLIVE RICHARD
• DE 238865 C 19111005
• US 4422191 A 19831227 - JAWORSKI WILLIAM R [US]
• GB 2112670 A 19830727 - CHALBERG PHILIP EDWARD
• EP 0078127 A2 19830504 - MATHIS CLEO DONALD
• US 3948252 A 19760406 - MONTAGNE JEAN-BAPTISTE
• US 3251071 A 19660517 - GORDON WOOD

Cited by
DE3903477A1; GB2221614A; US5386598A; EP0374222A4; DE3716683A1; EP0437048A3; DE3745024C2; EP0682932A3; US5063620A; DE3800400C1; US5381563A; DE3744984A1; GB2372443A; GB2372443B; US2014131472A1; AU2013337267B2; US9662268B2; WO2014071422A1; EP0433874B1; EP0445504B1; EP0372642B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
DE 3607788 A1 19861204; DE 3661460 D1 19890126; DE 8606463 U1 19861030; DE 8625515 U1 19861218; EP 0209646 A2 19870128; EP 0209646 A3 19870923; EP 0209646 B1 19881221; EP 0209646 B2 19950816

DOCDB simple family (application)
DE 3607788 A 19860308; DE 3661460 T 19860422; DE 8606463 U 19860308; DE 8625515 U 19860908; EP 86105565 A 19860422